

PDR RID Report

Date Last Modified 4/12/95
Originator David Isaac
Organization MITRE
E Mail Address disaac@mitre.org
Document CSMS PDR/MSS

Phone No 301-901-9232

RID ID	PDR	239
Review	CSMS	
Originator Ref		CM
Priority	2	Dependency

Section Configuration
Management

Page AS-11, AS-17

Figure Table

Category Name Design-MSS

Actionee HAIS

Sub Category

Subject Configuration Management should track dependencies

Description of Problem or Suggestion:

"Resource Profile" and "Library File" objects do not have an attribute to express dependencies. Developers and DAACs must be able to determine what version of hardware and software is required to run an ECS component. Distributed objects with interdependencies present a particular challenge.

Originator's Recommendation

Provide a means of expressing hardware and software dependencies for ECS software. References from custom software to specific versions of COTS software must be possible. Tracking interdependencies between COTS products might be desirable.

GSFC Response by:

GSFC Response Date

HAIS Response by: Forman

HAIS Schedule 2/28/95

HAIS R. E. Schuster

HAIS Response Date 2/28/95

The RID points out that developers and DAACs must be able to determine what versions of hardware and software are required to run ECS components and that version dependencies among ECS resources (custom software, COTS, software, COTS hardware) must be tracked. We agree. The Baseline Manager, which describes the configuration and characteristics of deployed ECS resources (ECS custom software and COTS software and hardware), presently reflects only parent/child relationships among the resources. A level 4 requirement to maintain records that describe dependencies among baseline objects will be added to it in DID304. Its design will be adjusted accordingly in DID305 and DID311.

Status Closed

Date Closed 4/12/95

Sponsor Broder

***** Attachment if any *****